

**JP9175029**

Publication Title:

**THERMAL INK TRANSFER SHEET**

Abstract:

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**PROBLEM TO BE SOLVED:** To provide a thermal ink transfer sheet which is highly sensitive and generates a high-quality image for the use as a masking film, a printing plate or a color proof. **SOLUTION:** This thermal ink transfer sheet consists of a coloring material capable of absorbing a semiconductor laser beam, a light/heat converting layer containing a binder and an imaging layer provided sequentially in this order on a support. In this case, the ratio of the absorptive area strength in a wavelength range of  $\pm 30\text{nm}$  of a semiconductor laser beam to be used is set to 35% or higher for the total absorptive area strength in a wavelength range of 500-900nm of the light/heat converting layer. Data supplied from the esp@cenet database - Worldwide

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